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Abstract

**Compressed air supply system for a compressed air breathing
5 apparatus**

In a compressed air breathing apparatus, a single combined
high/medium-pressure line (8) consisting of a medium-pressure
hose and a coaxial, flexible high-pressure line inside said
10 hose is integrated into the pressure reducer (5) connected to
a compressed air bottle so that said line can rotate in axial
direction. The free end of the combined high/medium-pressure
line (8) can also rotate in axial direction when connected to
a manifold block (9) for distributing the supplied high or
15 medium-pressure air to connections for a lung machine (11), a
pressure gauge (15), and an alarm whistle (17) that is
controlled at high pressure and operated at medium pressure.
The manifold block (9) is equipped with an additional high-
pressure fast-fill connection (14) and an additional medium-
20 pressure connection (13). A compressed air breathing apparatus
of this design is simple, convenient, and safe to handle.